

FIG. 1

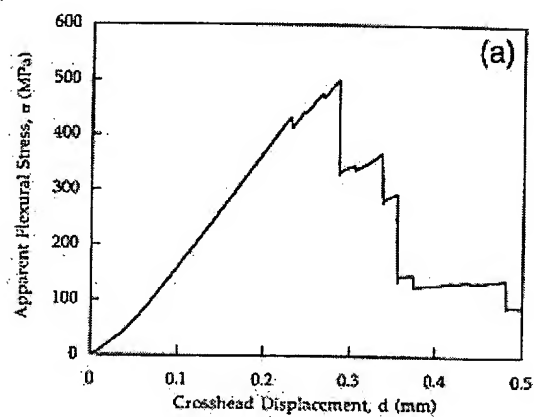


FIG. 2

1005084 1204027 42050001

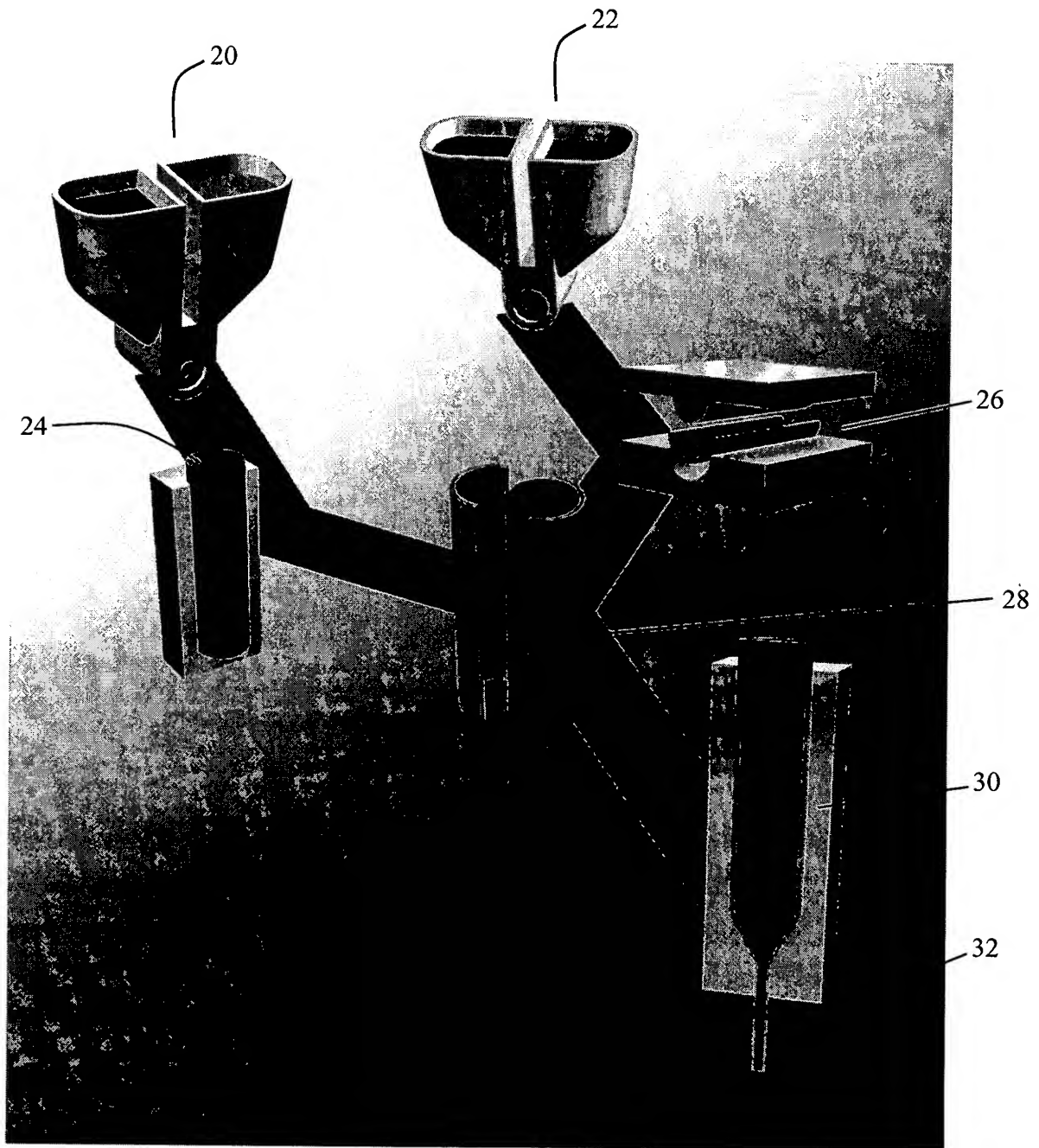


FIG. 3

Inventor: Anthony C. Mulligan, et al.

: Aligned Composite Structures For Mitigation Of Impact Damage And
Resistance To Wear In Dynamic Environments

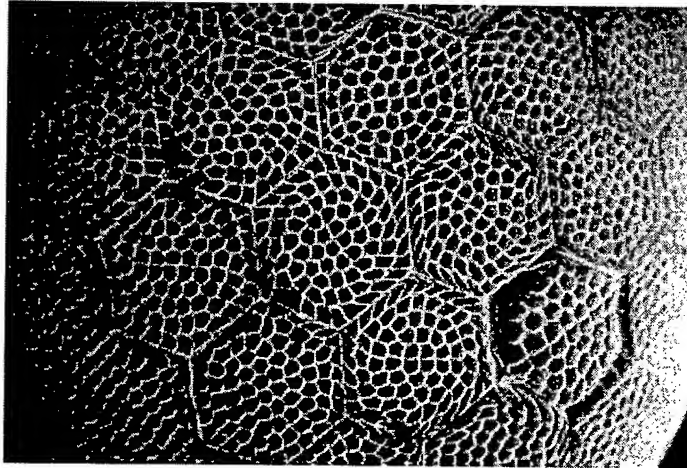


FIG. 4

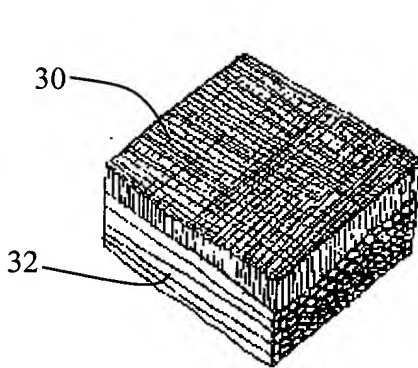


FIG. 5a

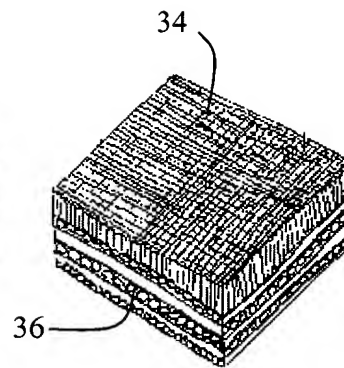


FIG. 5b

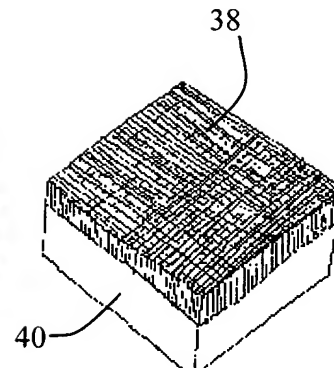


FIG. 5c

FIG. 5a

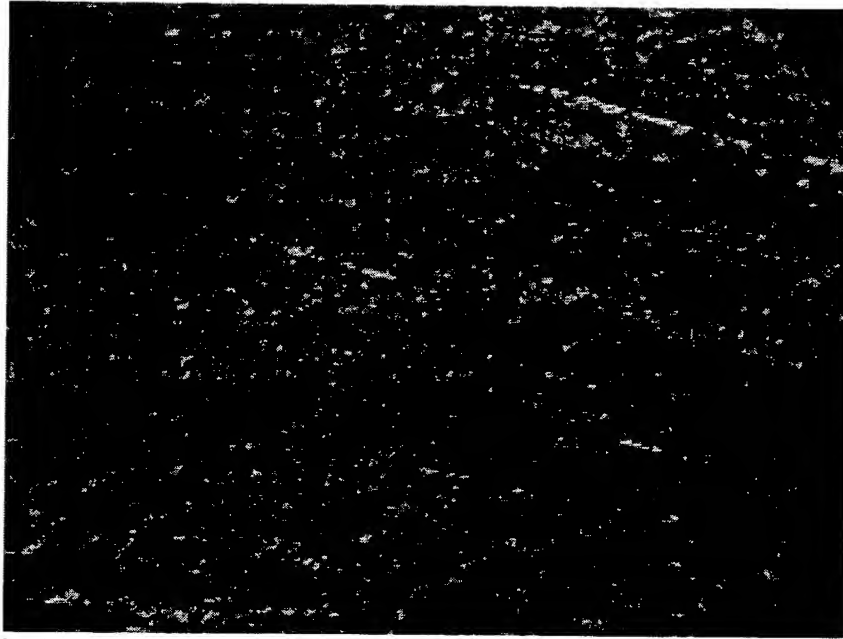


FIG. 6

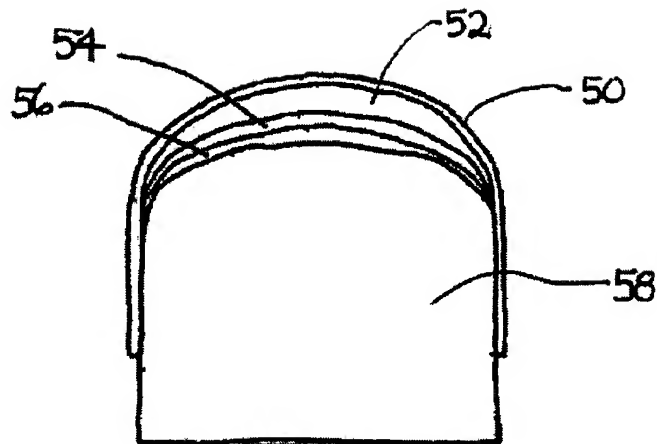


FIG. 7

FIG. 6